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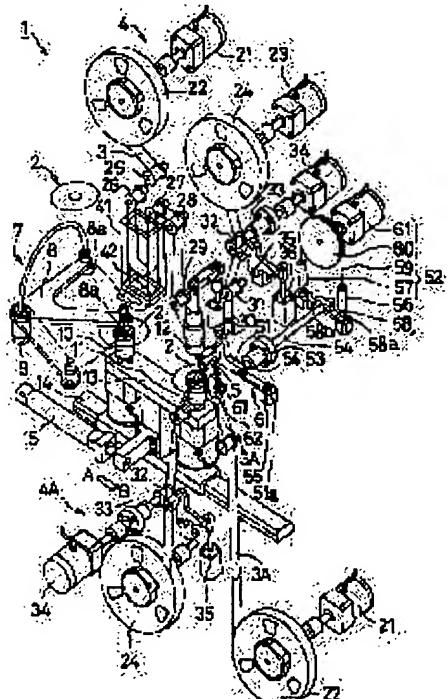
(21) Application number : 11-249892

(71)Applicant : **SONY CORP**

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(54) POLISHING DEVICE



(57) Abstract:

PROBLEM TO BE SOLVED: To polish the surface of a magnetic disk by pressing a polishing material onto the surface of the magnetic disk at a low pressure.

SOLUTION: This polishing device 1 has a lapping tape 3 polishing the surface of the magnetic disk 2; a tape supply means 4 supplying the lapping tape 3; a burnisher roller 5 bringing the lapping tape 3 into contact with the surface of the magnetic disk 2; and a pressurization means 6 pressing the lapping tape 3 onto the surface of the magnetic disk 2. The pressurization means 6 comprises a swing arm 51 attached with the burnisher roller 5 in one end part; and a balance adjustment means 52 making a pressurization force zero by balancing the swing arm 51, and pressing the lapping tape 3 onto the surface of the magnetic disk 2 through the burnisher roller 5 at a desired pressurization force by unbalancing the

swing arm 51.